

## Claims

1. A method of providing sample containers with an automatically readable identification for an analysis device, in which the sample container may be heated to an operating temperature, characterized in that in the manufacturing process of the sample container, the identification during the final cooling phase of the ready sample container is applied in a temperature interval between a maximum temperature during the sample container manufacture and the operating temperature.
2. A method as claimed in claim 1, characterized in that the temperature interval is between 300°C and 600°C.
3. A method as claimed in claim 1 or 2, characterized in that the identification is applied through ink jet printer methods in single and/or multi-color by means of ink(s).
4. A method as claimed in claim 3, characterized in that at least an ink is applied that can be read by means of UV light.
5. A method as claimed in one of claims 1 to 4, characterized in that the identification is applied in the form of a bar code.
6. A method as claimed in one of claims 1 to 5, characterized in that the bar code is applied annularly onto cylindrical portion of the sample container in a manner that it is readable along the cylindrical axis.
7. A method as claimed in one of claims 1 to 6, characterized in that the identification is applied along with numerals and/or letters.

8. A method as claimed in one of claims 1 to 4, characterized in that the identification is applied in the form of numerals and/or letters.
9. A method as claimed in one of claims 1 to 8, characterized in that symbols are also applied by the identification.